

Omar Khan

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EDUCATION

University Of California, Davis

Davis, CA

B.S in Computer Science, Minor in Mathematics

Expected Graduation Date: December 2023

- Cumulative GPA: 3.18

WORK EXPERIENCE

#INCLUDE UC Davis

Davis, CA

Full Stack developer

September 2021 - Present

- Developed website for Artruism club chapter at UC Davis in a large scale cohort setting with collaboration between the UX/UI design team and increased social media and website engagement by 74% leading to club meeting attendance to increase by 40%.
- Learned various frameworks and software that contributed to more efficient full stack web development such as Figma, React, Node, HTML, and CSS.

Milestone Technologies at Facebook

Fremont, CA

Screening Associate

June 2021 - September 2021

- Took on leadership roles in absence of managerial guidance to implement safety protocols at Facebook Fremont to decrease the spread of coronavirus by 50% as building traffic increased.
- Provided support with the Color app and helped troubleshoot common bugs which prevented people from being able to complete coronavirus tests and upload the information digitally.

SOFTWARE PROJECTS

MARBOT

- Developed a bot using Node.js for the popular chatting app Discord with features including location based weather updates, member counts of servers, image searches, and formulas for Math and Computer Science related problems. Used in over 20 different servers to provide users quick access to information acquiring help online without having to leave the app. 86% of users stated they were working more efficiently and 98% had a positive outlook on the project.

Emotion Recognition AI

- Software Engineering course project that developed into AI that can detect human emotion. Used JavaScript to program the backend with a frontend composed of HTML to display the user's camera. Face tracking was implemented using face api. AI was trained using Google's Teachable Machine to teach emotions such as happy, sad, angry, and excited as well as display the AI's confidence level in that emotion being accurate. 92% Accuracy in emotion recognition, increasing as sample size grows.

URL Shortener

- Used Figma to design a webpage for a URL Shortener and then created it using an Express.js backend server and React.js in the frontend. Uses the shortcode API to shorten any valid URL input as well as display an error if the input is invalid. URL Shortener was used on multiple websites and allowed website owners to track traffic on a page and gauge the success of marketing campaigns.

SKILLS & INTERESTS

Skills:

- Proficient in: C, C++, JavaScript, HTML, CSS, Node.js, React.
- Experience with: Java, Python, Matlab, Figma
- Foreign Languages: Fluent Urdu, Hindi, and English. Elementary Spanish.

Interests:

- eSports, public speaking, music, leadership, basketball, community aid and development